

## CLAIMS

8-11-17  
1. An interactive image display system for displaying a printed article as it will  
5 appear when printed, comprising:

a user interface component, to accept information from a user for producing said printed  
article, and to provide a graphic image representing said printed article for display to said user;

A a graphic layout component, to process said information and produce a graphic  
description file, said graphic description file <sup>to be used in</sup> being usable for a batch printing process; and  
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10 an image producing component, to process said graphic description file and produce said  
graphic image.

2. The interactive image display system of claim 1, wherein said user interface  
component maintains said information from said user, allowing said user to modify a part of said  
15 information in order to view changes in said displayed printed article.

3. The interactive image display system of claim 2, wherein said user interface  
component maintains said information from said user, allowing said graphic layout component to  
produce a graphic description file, and said image producing component to produce a graphic  
20 image for a different printed article.

4. The interactive image display system of claim 3 wherein said information

maintained by said user interface component is used for preparing a print job for said user.

5. The interactive image display system of claim 1 wherein said graphic image is displayed with a background image representing an article to be printed on.

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6. The interactive image display system of claim 5 wherein said background image is an image of paper stock to be printed on.

7. The interactive image display system of claim 5 wherein said background image is sized to be a same size as said graphic image.

8. The interactive image display system of claim 1, the user can modify font sizes by specifying a percentage increase or decrease.

9. The interactive image display system of claim 1 wherein said graphic description file is a Postscript file.

10. The interactive image display system of claim 1 wherein said information from said user includes an indication of a predefined template, said predefined template including layout information for a printed article; and

said graphic layout component, uses said predefined template to produce said graphic

description file.

11. The interactive image display system of claim 10 wherein said predefined template includes at least one area for printing.

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12. The interactive image display system of claim 1 wherein said interactive image display system provides graphic images representing a plurality of related printed articles from said information from said user.

13. The interactive image display system of claim 1 wherein said user interface component interacts with said user over the Internet.

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14. On a computer system, a method of displaying a printed article as it will appear when printed, comprising:

obtaining text information to be printed on said printed article;

selecting a predefined template, said predefined template including at least one area for  
5 printing;

producing a graphic description file based on said text information and predefined  
template, said graphic description file <sup>to be used in</sup> being usable for a printing process;

processing said graphic description file into a graphic image for display on a display  
device, said processing including providing a background image for said graphic image, wherein  
said background image representing an article to be printed on.

15. The method of claim 14 wherein said provided background image is an image of  
paper stock to be printed on.

16. The method of claim 14 wherein said step of providing a background image for  
said graphic image, includes providing said background image which is a same size as said  
graphic image for display.

17. The method of claim 14 further including the steps of:  
20 upon receiving an indication that said printed article is to be printed, storing said text  
information and an indication of said selected predefined template along with an order indication

number; and

upon receiving an indication that said printed article is ready to be printed, producing a graphic description file based on said text information and predefined template, said graphic description file to be used for said printing process.

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18. An interactive image display system for displaying a printed article as it will appear when printed, comprising:

means for interacting with a user for obtaining and modifying information for producing said printed article;

5 processing means for processing said information and producing an image representing said printed article, said processing means also for producing a description file for printing;

means for providing said image to said user for viewing;

storage means for storing said information for printing said printed article.

19. The interactive image display system of claim 18 wherein said printed article includes a plurality of related printed articles, said plurality of related printed articles each using at least a part of said information from said user.

20. The interactive image display system of claim 18 wherein said means for interacting with a user includes an interactive web site remotely accessible users.

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